



# MUHAMMAD FAIZAN ALI

## MECHANICAL ENGINEER

Anaayat Ellahi Colony street No.8  
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### OBJECTIVE

I am focused towards using my technical and interpersonal skills to build a motivating environment for the betterment of my surroundings. Be it engineering or any other field of life, my goal is to sink myself in the system and improve the system on its own.

### EDUCATION

**BS-Mechanical Engineering,**  
COMSATS University Islamabad,  
[2016-2020]  
**CGPA** [2.97/4.00]

**HSSC Pre-Engineering,**  
BISE Sahiwal, [ 2014-2016]  
**Marks** [660/1100]

**SSC Matriculation,** BISE Sahiwal, [ 2012-2014]  
**Marks** [738/1100]

### KEY SKILLS

Proficient with AUTOCAD & PRO E,  
SolidWorks, MATLAB, Proteus, MS Office  
Computer Programming in C++,  
Troubleshooting & Diagnostics,  
Project Management

### LANGUAGES

- English
- Chinese
- Urdu

### EXPERIENCE

**(3+ years)** [Jun 2017] – still working  
**HVAC Senior Technician • HK electronic Sahiwal.**

- Design and oversee the installation of ventilation systems
- Manage a whole group of 10 workers at a time.
- Performed Operation, Troubleshooting, Maintenance, and Installation of HVAC systems on domestic and commercial level.

**(1.5 months)** [25 July,2019] - [6 Sep,2019]  
**Internship • Shamim and company, Pepsi Cola Multan**

- Worked with senior mechanical engineers and perform audits and maintenance operations on different plants
- Worked with a group of **Foreign Engineers** on installation of new SBO10 plant which include blow molding and labeler plant and HP compressor.

### PROJECTS

**Design and fabricating Soda dispensers and Bar Ice-cream machines**

- I am leading this project on local level
- Reduced the cost of the machines by 25%
- Built services providing department for maintenance which includes 100 vendors across the country
- Prepared design by using modern software tools

**Final year project:**

[Design and Fabrication of New Generation Refrigerator using LPG and R-134a Blend Refrigerant]

- Achieve for better COP & low power consumption
- Replacement for Safe & Environmentally Friendly Refrigerant

### CO-CURRICULAR ACTIVITIES

- Head of Sports Committee at College
- EX-President of COMSATS Science Club

### HOBBIES

- Cricket
- Badminton
- Video gaming